

Broadview Sewer & Stormwater Improvements Project

**Broadview Public Meeting
October 19, 2011**

Broadview Sewer & Stormwater Improvements Project

Project Background:

- Sewer backups in some locations during large storms.
- Some significant drainage problems.
- SPU plans to improve sewer & stormwater service in Broadview.



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Primary Project Goals:

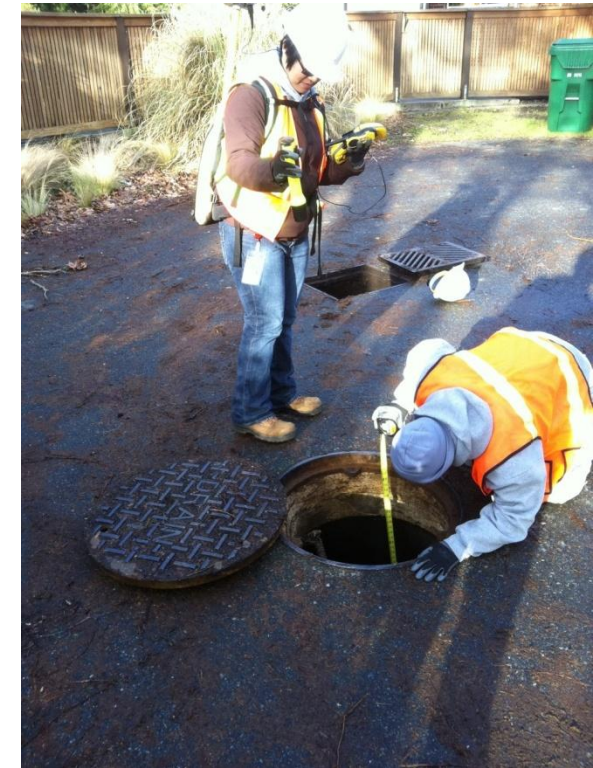
- 1) Reduction of sanitary sewer overflows into homes, right of ways & creeks.
- 2) Address major drainage issues in basin that impact public health and safety
- 3) Working in partnership with Broadview community



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Project Work To Date:

- ✓ Field investigations, surveying, drainage & sewer database review of entire basin – *completed*
- ✓ Flow monitoring - *ongoing*
- ✓ Sewer and drainage system computer model – *being created*
- ✓ Investigating & prioritizing drainage issues – *in process*
- ✓ Engineering Consultant Team Selection - *completed*



Field Investigations

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Near Term Drainage Work:

3rd Ave. NW between NW 105th and NW 104th Streets

- Re-establish ditch or install new culvert

NW 120th St at outfall along 10th Ave NW

- Repair drainage outfall

NW 125th St between 8th Ave NW and 9th Ave NW

- Mark safety stripes along ditch.

NW 144th St. between Greenwood and Palatine

- Install drainage berm along NW 144th St.

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Potential Early Project Actions:

- Continued infiltration reduction actions to remove stormwater from sewer
- Roof downspout disconnections at key locations
- Drainage outfall line replacement at N. 120th & 10th Ave N.(Mohlendorf Creek)



Broadview subsurface work with vactor excavation

Some Areas We Are Examining To Reduce Potential for Sewer Backups:

- NW Blakely Court & Blakely Pl NW
- Dayton – locations from 105th to 125th
- 1st Ave NW – near 115th to 122nd
- 6th Ave NW – from 120th to 125th
- 11th Ave NW – near 120th
- 12th Ave NW – from 120th to 132nd
- 13th Ave NW – near 130th
- 105th Ave NW – Greenwood to 3rd Ave.
- Phinney Ave. N. – 117th to 122nd

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Upcoming Project Work & Draft Timelines

- Identify key locations to remove stormwater from wastewater system (*now – March 2012*)
- Develop & analyze potential solutions (*now thru 2012*)
- Develop Drainage Plan for basin (*in 2012*)
- Integrated Plan for implementing solutions (*in 2012*)
- Prepare Design for phase 1 solutions (*in 2013*)
- Construction for phase 1 solutions (*start in 2014*)

** Timelines are based on current best estimates. **

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Moving Forward In Partnership with Broadview Community:

- Will involve residents and businesses during project.
- Project information will be available via:
 - ✓ Future public meetings
 - ✓ Project website
 - ✓ Project email box
 - ✓ Phone calls to staff



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Next steps:

- Moving forward on work outlined tonight
- Continue working w/ Broadview Sewer Task Force
- Next public meeting in March/April 2012



Piper's Creek

Questions?

Information

Project updates: Sign up for Broadview Listserv,
Visit <http://www.seattle.gov/util/broadviewprojects>,
Email spu_broadviewprojects@seattle.gov

Report flooding, sewer backups, landslides: (206) 386-1800

Weather updates:
<http://www.wrh.noaa.gov/forecast/wxtables/index.php?wfo=sew>

Storm prep info: <http://www.seattle.gov/util/storm> including
Clear storm drains, gutters, downspouts
Free sandbags (see flyers)

SPU Storm Actions: Inspect key sites prior to forecasted storms,
Check key sites & flow monitoring sites during storms,
Crews maintain if needed during storms based on calls